

STATE OF CALIFORNIA SOLID WASTE FACILITY PERMIT

1. Facility/Permit Number:
36-AA-0068

2. Name and Street Address of Facility:

FORT IRWIN SANITARY LANDFILL
U.S. ARMY NATIONAL TRAINING CENTER
FORT IRWIN, CALIFORNIA 92310-5000

3. Name and Mailing Address of Operator:

DEPARTMENT OF THE ARMY
DIRECTORATE OF PUBLIC WORKS
NATIONAL TRAINING CENTER
FORT IRWIN, CALIFORNIA 92310-5000

4. Name and Mailing Address of Owner:

DEPARTMENT OF THE ARMY
DIRECTORATE OF PUBLIC WORKS
NATIONAL TRAINING CENTER
FORT IRWIN, CALIFORNIA 92310-5000

5. Specifications:

a. Permitted Operations:

- ☐ Composting Facility (mixed wastes) ☐ Processing Facility
☐ Composting Facility (yard waste) ☐ Transfer Station
☒ Landfill Disposal Site ☐ Transformation Facility
☐ Material Recovery Facility ☐ Other: _____

b. Permitted Hours/Days of Operation:

7:00 AM TO 3:30 PM - Monday - Sunday closed Christmas Day and New Year's Day. Operating hours are extended to 7:00 a.m. - 7:00 p.m. during the five days which coincide with troop maneuvers (approx. 12x/yr.)

c. Permitted Tons per Operating Day:

Total: _____ 100 _____ Tons/Day

Non-Hazardous - General
Non-Hazardous - Liquid Septic
Non-Hazardous - Other
Designated
Hazardous

Peak 100 _____ Tons/Day
 (NONE) _____ Tons/Day
 (NONE) _____ Tons/Day
 (NONE) _____ Tons/Day

d. Permitted Traffic Volume:

_____ 120 _____ Vehicles/Day

Incoming vehicles with waste material

_____ 120 _____ Vehicles/Day

Outgoing vehicles with salvaged materials

_____ 0 _____ Vehicles/Day

e. Key Design Parameters

	Total	Disposal Footprint	Transfer	MRF	Composting	Transformation
Permitted Area (in acres)	457	457	0	0	0	0
Design Capacity	14,000,000	14,000,000	0	0	0	0
Max. Elevation (Ft. MSL)	2047.47	2047.47	0	0	0	0
Max. Depth (Ft. BGS)	25	25	0	0	0	0
Estimated Closure Date	2002	2002	0	0	0	0

The permit is granted to the operator named above. Upon a change of operator, this permit is subject to review. The attached permit findings and conditions are integral parts of this permit and supersede the conditions of any previously issued Solid Waste Facilities Permits. Nothing in this permit is preventing the operator from complying with any federal, state, and local requirements and enactments including all mitigation and monitoring measures developed in accordance with any certified environmental document filed pursuant to Public Resources Code (PRC) Section 21081.6. Nothing in these requirements shall be construed as relieving any operator/owner, or designee from the obligation of obtaining all required permits, licenses, or other clearances and complying with all orders, laws, regulations, or other requirements of other regulatory or enforcement agencies.

6. Approval:

Approving Officer Signature

PAMELLA BENNETT, DIRECTOR

7. Enforcement Agency Name and Address:

DIVISION OF ENVIRONMENTAL HEALTH
SERVICES - LEA -
COUNTY OF SAN BERNARDINO
385 NORTH ARROWHEAD AVE.
SAN BERNARDINO, CA 92415-0160

8. Received by CIWMB:

AUG 5 1997 1997

9. CIWMB Concurrence Date:

_____ 1997

10. Permit Review Due Date:

_____, 2002

11. Permit Issued Date:

_____ 1997

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12. Legal Description of Facility:

USGS Fort Irwin Quadrangle, Sections 33 and 34, T41N R3E, and Sections 3 and 4, T13N, R3E, SBBM

13. Findings:

- a. The LEA certifies, pursuant to Public Resources Code [PRC] §50000(a)(5) that the facility is identified in the countywide siting element, or amendment thereto, which has been approved pursuant to PRC §41721, of the San Bernardino County Integrated Waste Management Plan which has been conditionally approved by the California Integrated Waste Management Board.
- b. This permit is consistent with standards adopted by the California Integrated Waste Management Board (CIWMB). Public Resources Code, Section 44010.
- c. The design and operation of the facility is in compliance with State Minimum Standards for Solid Waste Handling and Disposal as determined by the LEA.
- d. The following local fire protection district has determined that the facility is in conformance with applicable fire standards as required in Public Resources Code, Section 44151. n/a
- e. An environmental determination, Finding Of No Significant Impact (FONSI), has been made by the lead agency.
- f. A County Wide Integrated Waste Management Plan has been conditionally approved by the CIWMB.
- g. The San Bernardino County Planning Department has determined that consistency with a general plan is not applicable for a federal facility.
- h. The San Bernardino County Planning Department has determined that a finding for surrounding land use compatibility is not applicable for a federal facility.

14. Prohibitions:

The permittee is prohibited from accepting any liquid waste sludge, non-hazard waste requiring special handling, designated waste, or hazardous waste unless such waste is specifically listed below, and unless the acceptance of such waste is authorized by all applicable permits.

The permittee is additionally prohibited from the following items:

open burning, scavenging, whole tires, asbestos (friable), large dead animals, liquids.

15. The following documents also describe and/or restrict the operation of this facility:

- | | | | |
|---|------------------------|---|-----------------|
| <input checked="" type="checkbox"/> Report of Disposal Site Information | <u>12/92</u> | <input checked="" type="checkbox"/> Closure Financial Responsibility Document | <u>08/97</u> |
| <input checked="" type="checkbox"/> Amendments(s) to RFI | <u>01/97</u> | <input checked="" type="checkbox"/> Indemnification Agreement | <u>09/15/96</u> |
| <input type="checkbox"/> Land Use Permits and Conditional Use Permits | _____ | <input checked="" type="checkbox"/> Waste Discharge Requirements #6-95-101 | <u>09/14/95</u> |
| <input type="checkbox"/> Air Pollution Permits and Variances | _____ | <input type="checkbox"/> Local and County Ordinances | _____ |
| <input checked="" type="checkbox"/> FONSI/Negative Declaration 92114001 | <u>3/93 & 1997</u> | <input type="checkbox"/> Final Closure & Post Closure Maintenance Plan | _____ |
| <input checked="" type="checkbox"/> Lease Agreements - owner and operator | _____ | <input type="checkbox"/> Other (list): | _____ |
| <input checked="" type="checkbox"/> Preliminary Closure/Postclosure Plan | <u>05/96</u> | | |
| <input checked="" type="checkbox"/> Amendments to PCPCMP | <u>01/97</u> | | |

STATE OF CALIFORNIA SOLID WASTE FACILITIES PERMIT

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16. Self Monitoring:

a. Results of all self-monitoring programs as described in the Report of Facility Information, will be reported as follows:

Program	Reporting Frequency	Agency Reported To
a. Weight Records. The operator shall on a daily basis, weigh all incoming loads of refuse. The weights shall be recorded daily and assembled on a monthly basis into a Landfill Intake Report. This report is to be submitted to the LEA on a monthly basis and to the CIWMB upon request.	Daily Basis	LEA
b. Log of Vehicle Numbers. The operator shall on a daily basis, maintain a log of the number of vehicles entering the site for purposes of disposing of waste. The number of vehicles shall be recorded daily and assembled on a monthly basis into a report.	As needed	LEA
c. Log of Special Occurrences, to record fires, earth slides, heavy winds, flooding, accidents, injuries, explosions, discharges of hazardous materials, etc. Entries shall be made daily or as circumstances warrant. This log shall be made available to the LEA and CIWMB upon request	As needed	LEA
d. Subsurface Records. Accurate records shall be kept regarding length and depth of all cuts made in natural terrain where fill will be placed, together with the depth to ground water table. These records shall be made available to the LEA and CIWMB upon request.	As needed	LEA
e. Hazardous Waste Monitoring. The operator shall make monitoring records available to the LEA and the CIWMB upon request.	As needed	LEA
f. Hazardous Waste Discharges. A report of any unauthorized hazardous waste discharge shall be made.	As needed	California Regional Water Quality Control Board - Lahontan Region Department of Toxic Substances Control Cal-EPA San Bernardino County Division Environmental Health Services
g. Ground Water Monitoring. Records will be made available to all appropriate regulatory agencies, including the LEA, CIWMB and RWQCB	Semi-annually or as required	LEA California Regional Water Quality Control Board - Lahontan Region

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17. LEA Conditions:

1. This facility shall comply with all State Minimum Standards for Solid Waste Handling and Disposal as stipulated in the California Code of Regulations, Title 14, Chapter 3, Article 6, Sections 17441-17564. The operator shall inspect the site at least once each day of operation to ensure that these standards are met.
2. This facility shall comply with all other federal, state, and local enactments, including all mitigation measures given in any certified environmental document filed pursuant to Public Resource Code, Section 21081.6
3. The operator shall maintain a copy of the Permit at the facility to be made available at all times to facility personnel and enforcement agency personnel.
4. The operator shall operate the site in compliance with all conditions set forth in this permit. This site is permitted to accept the following wastes; non-friable asbestos, construction/demolition materials, small dead animals, mixed municipal waste and sewage sludge containing more than 50% solids.
5. The operator shall construct flood control structures for the diversion of off-site run-on and on-site run-off flows to prevent flooding at the landfill site and its vicinity during a 100-year storm event.
6. The operator shall continue the Solid Waste Water Quality Assessment Test, in accordance with Chapter 15, Title 23, California Code of Regulations (CCR), to monitor groundwater quality in the vicinity of the landfill site, until the revised water quality monitoring program is approved for implementation.
7. The operator shall continue dust control and equipment maintenance practices at the landfill to minimize fugitive dust pursuant to APCD pollutant emissions criteria. Landfill operation activities will cease during periods of extremely high winds that reduce visibility.
8. The operator shall encourage ride-sharing among the landfill workers.
9. The operator shall install a gas monitoring network to monitor methane emission levels at the landfill perimeter and all on-site structures.
10. The operator shall install a gas collection system once the levels of methane and non-methane organic compounds reach the criteria set forth in the respective regulations.
11. A qualified biologist shall conduct biological surveys on subsequent disposal areas and borrow areas within the landfill boundary as these areas are developed. Should any sensitive species be discovered, protocols or mitigation measures required by the California Department of Fish and Game or the U.S. Department of Fish and Wildlife Service will be developed and implemented.
12. The operator shall provide safety training course to all new and existing landfill employees.
13. The operator shall provide safety equipment to all landfill staff.
14. The operator shall provide a submersible pump dedicated to the landfill for use in clearing water from the disposal pits following rainfall.
15. The operator shall make provisions for the back-up generator to be available when needed at the weight scales.
16. The operator shall provide physical barriers along the top edges of the trench adequate to prevent possible accidents.
17. The operator shall cease the landfill activities should any cultural resources be discovered at the disposal site. Work shall be resumed only after the area is clear of archaeological items.
18. The operator shall revise/modify this Solid Waste Facilities Permit should there be any changes in landfill operation procedures.
19. The operator shall be required to revise the Solid Waste Facilities Permit prior to the start of operations within Phase III.